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L/Cook
11/22/04

(FILE 'HOME' ENTERED AT 22:30:07 ON 22 NOV 2004)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, CANCERLIT, JAPIO' ENTERED AT
22:30:28 ON 22 NOV 2004

L1 0 S (CB 10 PEPTIDE)
L2 216 S (CB10)
L3 115 S L2 AND PEPTIDE?
L4 100 S L3 AND COLLAGEN?
L5 34 S L4 AND ANTIB?
L6 2 S L5 AND KIT?
L7 2 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8 16 DUPLICATE REMOVE L5 (18 DUPLICATES REMOVED)

=>

AN 91106346 EMBASE

DN 1991106346

TI The role of **collagen** conformation in type II anticollagen immunity in rheumatoid arthritis.

AU Boissier M.C.; Chiocchia G.; Fournier C.

CS Departement de Rhumatologie, Hopital Avicenne, Bobigny, France

SO Revue du Rhumatisme et des Maladies Osteo-Articulaires, (1991) 58/1 (19-24).

ISSN: 0035-2659 CODEN: RRMOA2

CY France

DT Journal; Article

FS 031 Arthritis and Rheumatism

LA French

SL English; Spanish; German

AB Type II anticollagen (CII) autoimmunity is a frequently reported, but non-specific, phenomenon in rheumatoid arthritis (RA). The authors show that in 88 sera samples from patients suffering from RA, the incidence of **antibodies** targeted against endogenous human CII was the same as that found for 149 control blood donors (14.8% versus 11.4%). However, a significant difference was found for the incidence of **antibodies** targeted against the α -chains of CII (26.1% versus 6.0%, $p < 0.001$). As a result of investigating the specificity of the anti-CII **antibodies** in greater detail by means of an immunoprinting of the CII **peptide** fragments obtained after splitting the molecule by cyanogen bromide, the authors have demonstrated that the largest CII **peptides** (CB10 and CB11) were better recognized than the smaller **peptides** (CB8, CB9.7), with no significant difference between PR and control plasmas. Using competitive methods, evidence was obtained in support of heterogeneous recognition by the anti-CII **antibodies**: some recognize conformational determinants only, whereas others are targeted against the primary sequences of the α -1 (II) chain.

CT Medical Descriptors:

*rheumatoid arthritis: ET, etiology

adult

article

autoimmunity

controlled study

female

human

human tissue

immunoblotting

major clinical study

male

Drug Descriptors:

collagen type 2

***antibody**

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on STN

DUPPLICATE 9

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STN DUPLICATE 5

AN 1992:455101 BIOSIS
DN PREV199294096501; BA94:96501
TI **COLLAGEN-INDUCED ARTHRITIS IN RATS EXAMINATION OF THE EPITOPE SPECIFICITIES OF CIRCULATING AND CARTILAGE-BOUND ANTIBODIES PRODUCED BY OUTBRED AND INBRED RATS USING CYANOGEN BROMIDE-DERIVED PEPTIDES PURIFIED FROM HETEROLOGOUS AND HOMOLOGOUS TYPE II COLLAGENS.**
AU CREMER M A [Reprint author]; TERATO K; WATSON W C; GRIFFITHS M M; TOWNES A S; KANG A H
CS RES SERV 151 , VETERANS ADM MED CENT, 1030 JEFFERSON AVE, MEMPHIS, TENN 38104, USA
SO Journal of Immunology, (1992) Vol. 149, No. 3, pp. 1045-1053.
CODEN: JOIMA3. ISSN: 0022-1767.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 7 Oct 1992
Last Updated on STN: 8 Oct 1992
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Biochemistry studies - Proteins, peptides and amino acids 10064
Pathology - Inflammation and inflammatory disease 12508
Bones, joints, fasciae, connective and adipose tissue - Pathology 18006
Immunology - Immunopathology, tissue immunology 34508
IT Major Concepts
 Genetics; Immune System (Chemical Coordination and Homeostasis);
 Skeletal System (Movement and Support)
ORGN Classifier
 Muridae 86375
Super Taxa
 Rodentia; Mammalia; Vertebrata; Chordata; Animalia
Taxa Notes
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